

Product datasheet for KN205884LP

OriGene Technologies, Inc.

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IL32 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: IL32 Locus ID: 9235

Components: KN205884G1, IL32 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN205884G2, IL32 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205884LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is

designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the

experimental process.

RefSeq: NM 001012631, NM 001012632, NM 001012633, NM 001012634, NM 001012635,

NM 001012636, NM 001012718, NM 001308078, NM 004221, NM 001369589, NM 001369590, NM 001369595, NM 001369587, NM 001369588, NM 001369591,

NM 001369592, NM 001369593, NM 001369596

UniProt ID: P24001

Synonyms: IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc

Summary: This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation

site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of

TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different

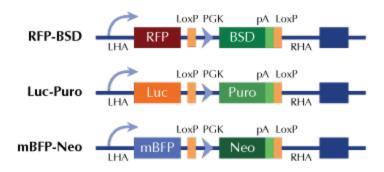
isoforms, have been characterized. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter